Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090819\

Quantitation Report (Not Reviewed)

Data File : VU034411.D
Acq On : 08 Sep 2019 04:17
Operator : JC/SP
Sample : K4703-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFD98

Quant Time: Sep 08 06:17:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sun Sep 08 03:44:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	264957	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	277348	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	122474	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	74302	4.16	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.20%			
7) Chloroethane-d5	1.68	69	69624	4.87	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.40%			
11) 1,1-Dichloroethene-d2	2.26	63	111938	3.35	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.00%			
20) 2-Butanone-d5	4.17	46	219929	53.35	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.70%			
24) Chloroform-d	4.63	84	158542	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.60%			
26) 1,2-Dichloroethane-d4	5.29	65	81190	5.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.40%			
32) Benzene-d6	5.32	84	326175	4.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.40%			
36) 1,2-Dichloropropane-d6	6.31	67	108848	4.85	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.00%			
41) Toluene-d8	7.55	98	272989	4.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.60%			
43) trans-1,3-Dichloropropene-	7.83	79	33040	4.13	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.60%			
46) 2-Hexanone-d5	8.30	63	154748	44.71	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.42%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	88263	5.29	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.80%			
64) 1,2-Dichlorobenzene-d4	11.84	152	112844	5.36	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.20%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.28	96	5280	0.320	ug/L #	1
13) Acetone	2.31	43	5967	2.162	ug/L	97
17) Methyl tert-butyl Ether	2.99	73	6226	0.152	ug/L #	90
25) Chloroform	4.65	83	42959	1.201	ug/L	95
34) Trichloroethene	6.16	95	90801	4.200	ug/L	98
35) Methylcyclohexane	6.31	83	24054	0.671	ug/L #	18
37) 1,2-Dichloropropane	6.31	63	11030	0.510	ug/L #	89
47) Tetrachloroethene	8.21	164	44195	2.487	ug/L	95
48) 2-Hexanone	8.30	43	18112	2.169	ug/L #	77
49) Dibromochloromethane	8.21	129	40118	2.439	ug/L #	11
59) 1,2,3-Trichloropropane	11.46	75	12642	1.021	ug/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090819\

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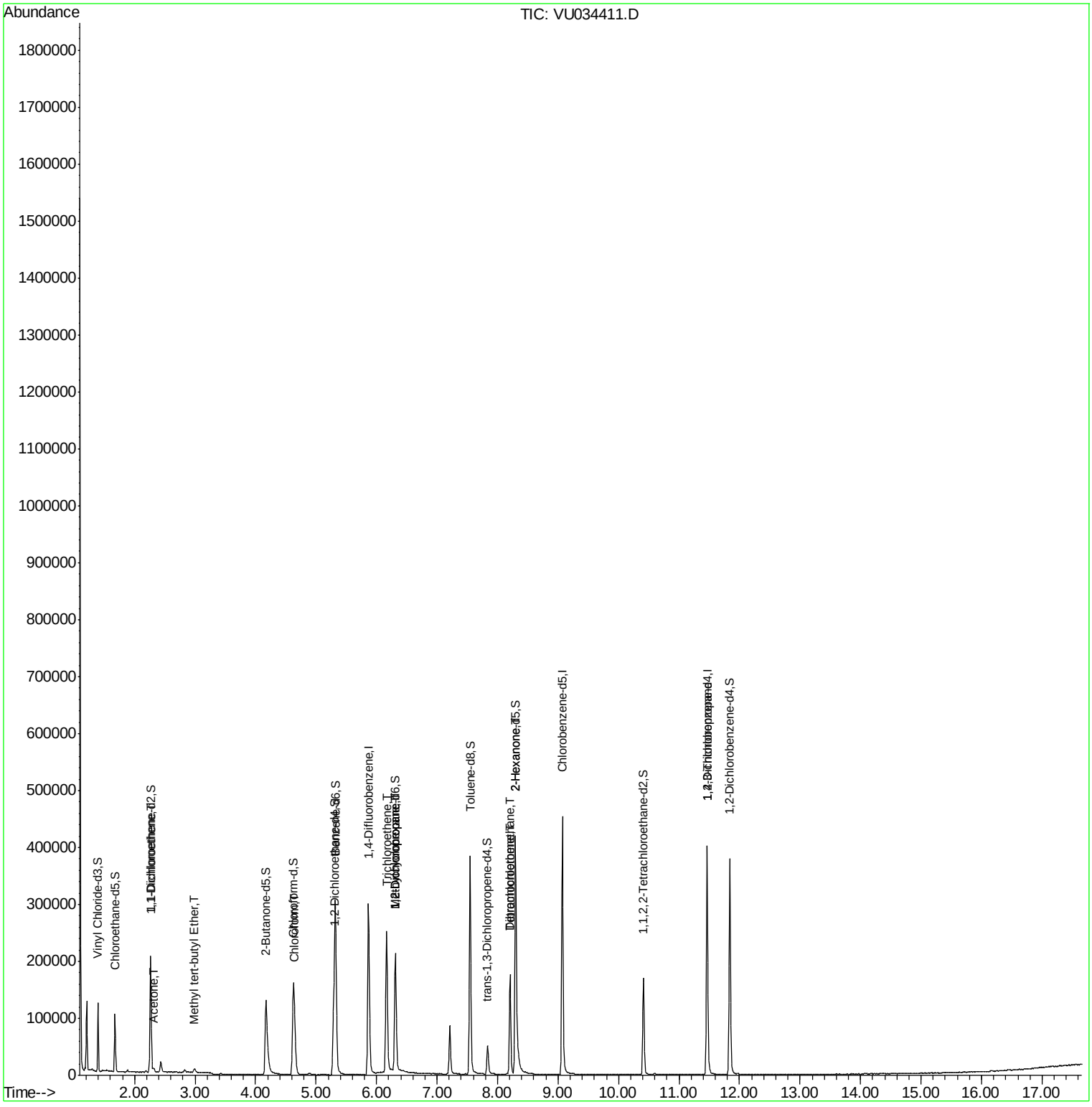
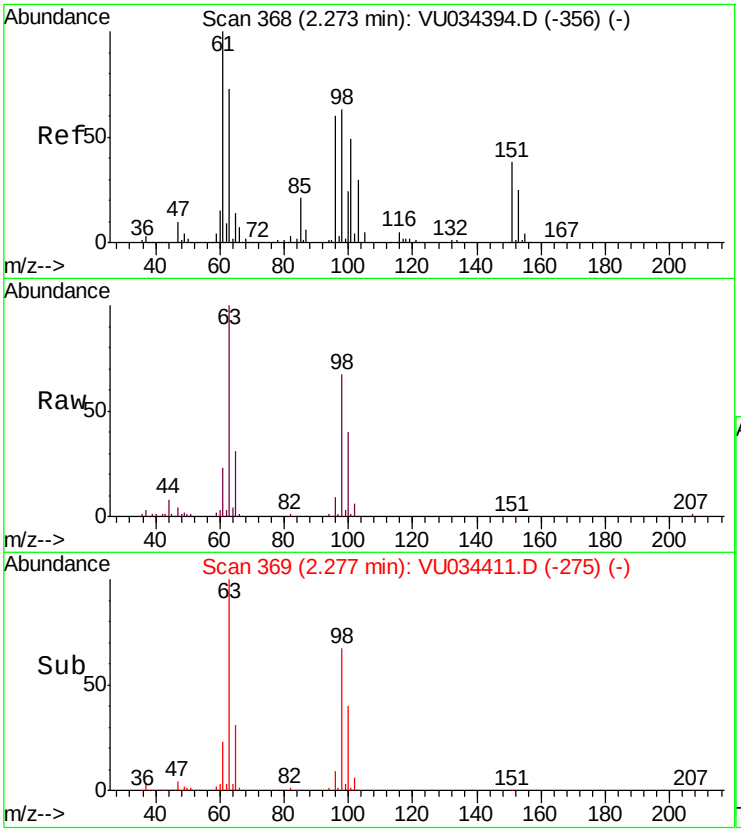
Quant Time: Sep 08 06:17:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sun Sep 08 03:44:03 2019
Response via : Initial Calibration



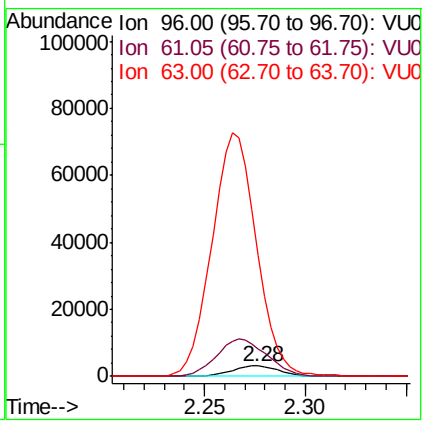


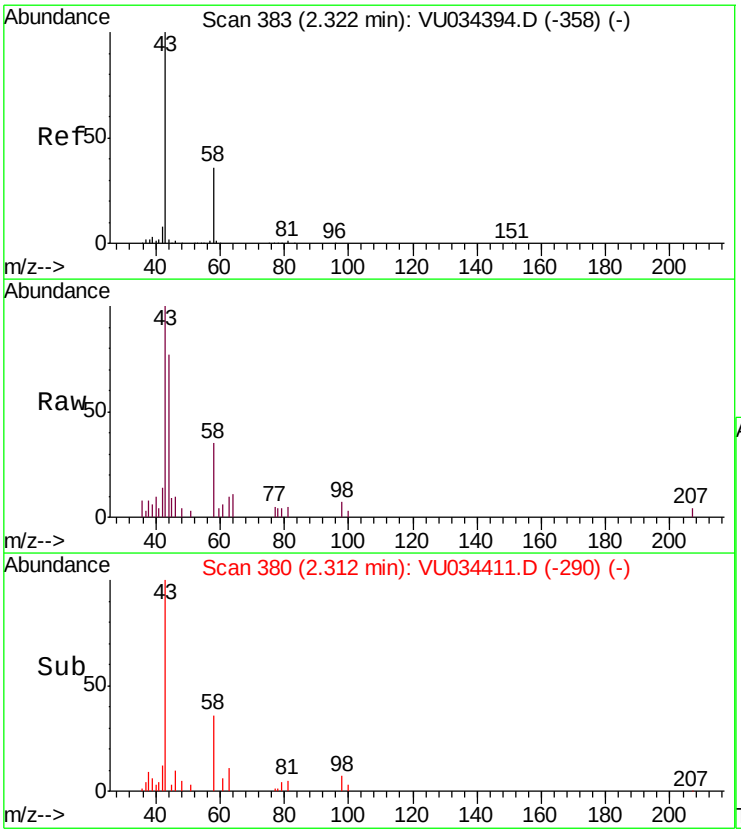
#12
1,1-Dichloroethene
Concen: 0.320 ug/L
RT: 2.28 min Scan# 369
Delta R.T. 0.00 min
Lab File: VU034411.D
Acq: 08 Sep 2019 04:17

Instrument : MSVOA_U
ClientSampleId : BFD98

Tgt Ion: 96 Resp: 5280

Ion	Ratio	Lower	Upper
96	100		
61	266.1	126.6	235.0#
63	1150.7	94.5	175.5#

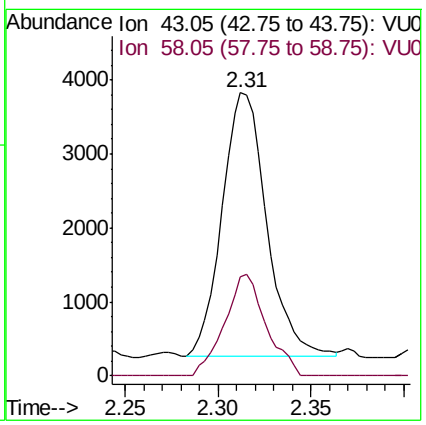


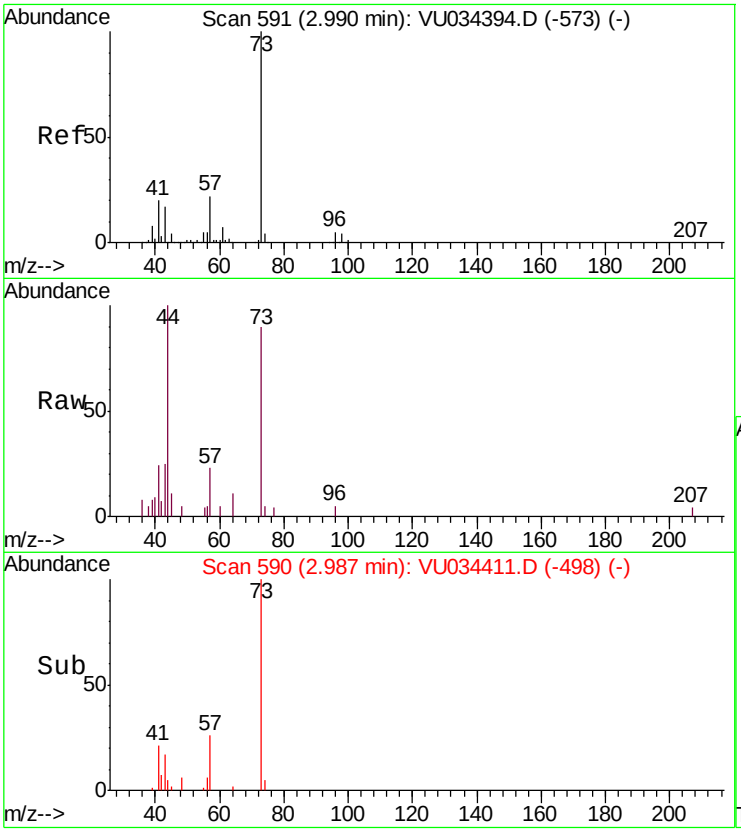


#13
Acetone
Concen: 2.162 ug/L
RT: 2.31 min Scan# 380
Delta R.T. -0.01 min
Lab File: VU034411.D
Acq: 08 Sep 2019 04:17

Tgt Ion: 43 Resp: 5967

Ion	Ratio	Lower	Upper
43	100		
58	35.6	0.0	67.6



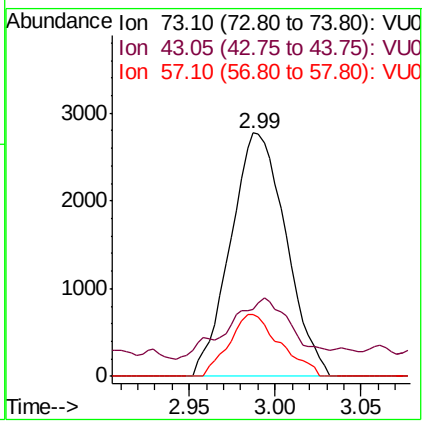


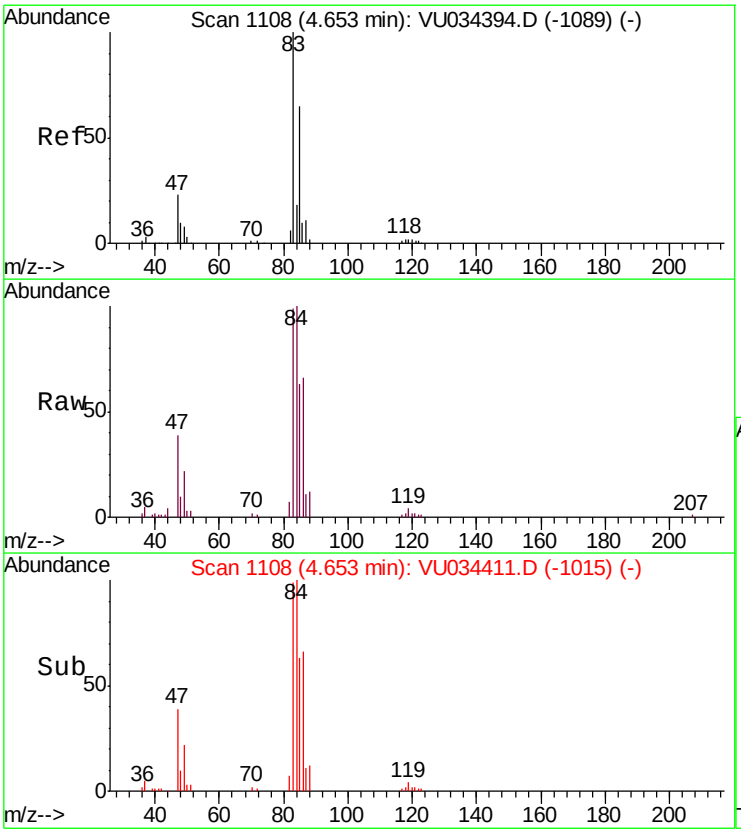
#17
Methyl tert-butyl Ether
Concen: 0.152 ug/L
RT: 2.99 min Scan# 590
Delta R.T. -0.00 min
Lab File: VU034411.D
Acq: 08 Sep 2019 04:17

Instrument : MSVOA_U
ClientSampleId : BFD98

Tgt Ion: 73 Resp: 6226

Ion	Ratio	Lower	Upper
73	100		
43	28.2	14.7	22.1#
57	23.3	18.6	27.8

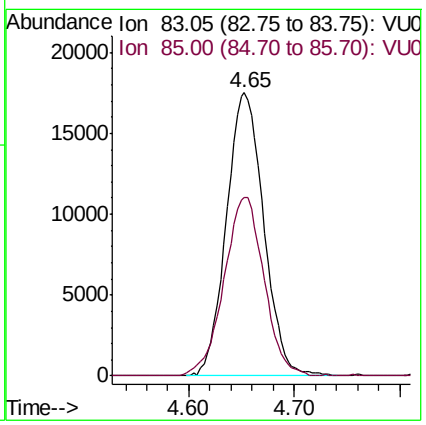


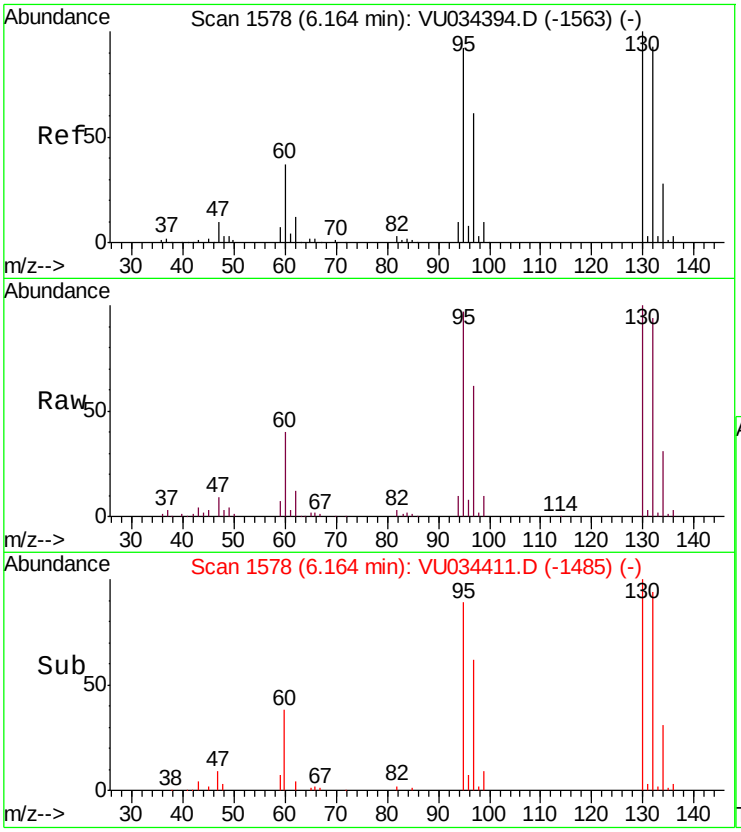


#25
Chloroform
Concen: 1.201 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. -0.00 min
Lab File: VU034411.D
Acq: 08 Sep 2019 04:17

Tgt Ion: 83 Resp: 42959

Ion	Ratio	Lower	Upper
83	100		
85	63.2	46.8	86.8



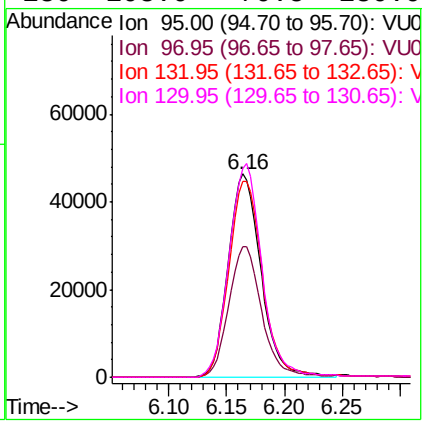


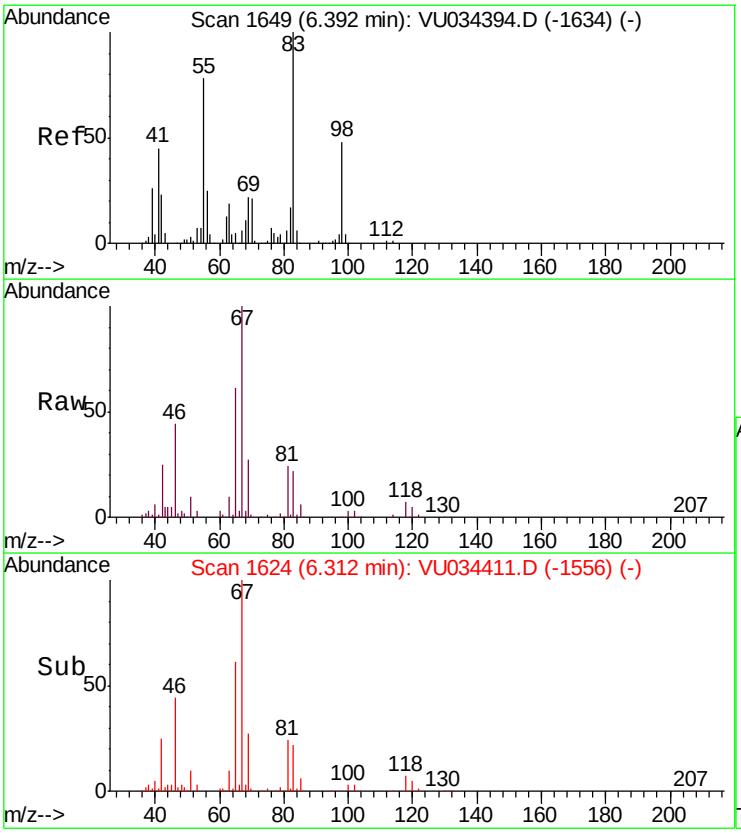
#34
Trichloroethene
Concen: 4.200 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. -0.00 min
Lab File: VU034411.D
Acq: 08 Sep 2019 04:17

Instrument :
MSVOA_U
ClientSampleId :
BFD98

Tgt Ion: 95 Resp: 90801

Ion	Ratio	Lower	Upper
95	100		
97	64.1	43.3	80.5
132	96.6	68.6	127.4
130	103.0	70.5	130.9

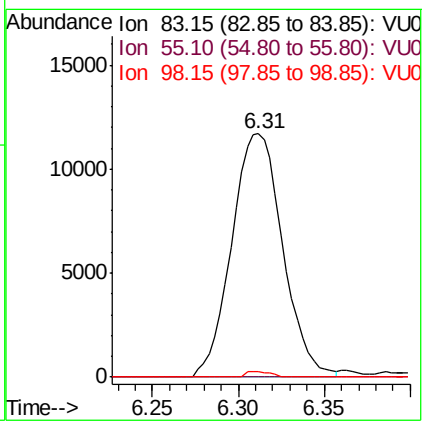


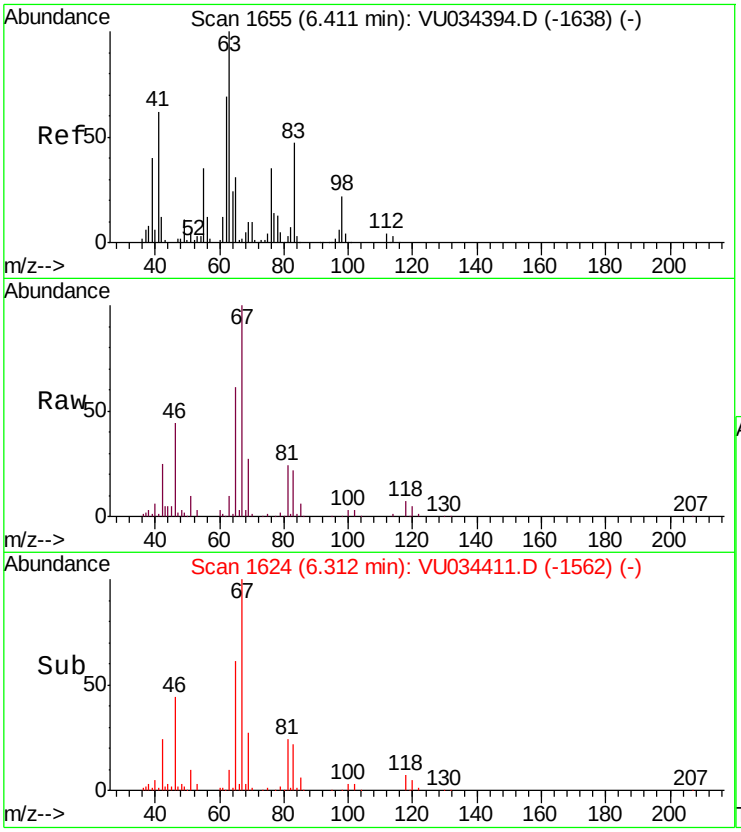


#35
Methylcyclohexane
Concen: 0.671 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU034411.D
Acq: 08 Sep 2019 04:17

Tgt Ion: 83 Resp: 24054

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	1.1	36.2	54.2#



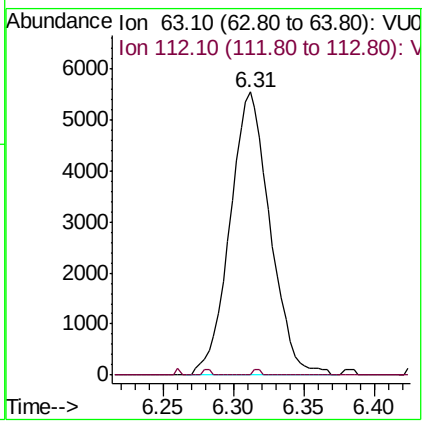


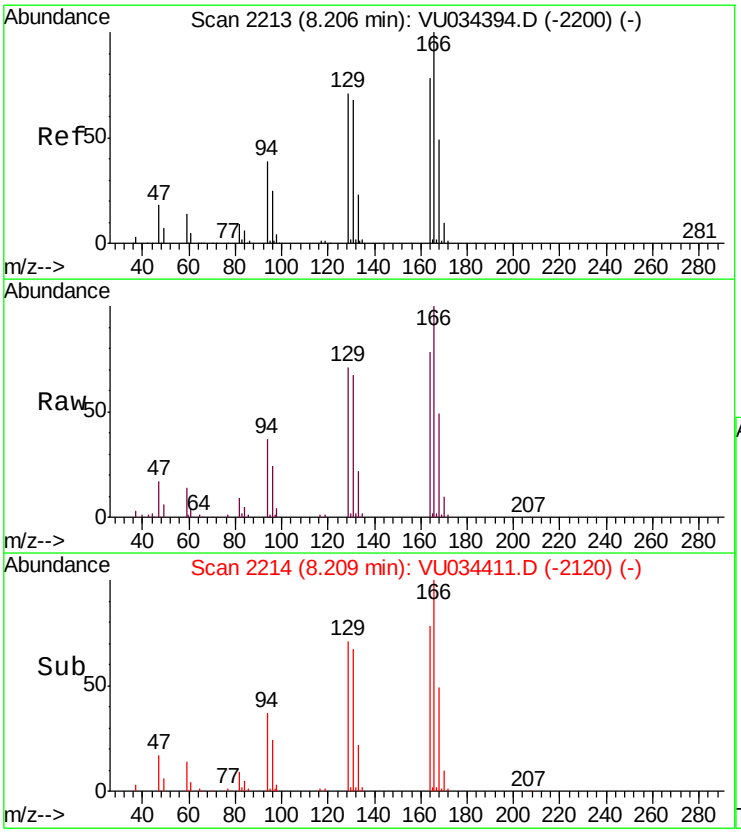
#37
1,2-Dichloropropane
Concen: 0.510 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU034411.D
Acq: 08 Sep 2019 04:17

Instrument : MSVOA_U
ClientSampleId : BFD98

Tgt Ion: 63 Resp: 11030

Ion	Ratio	Lower	Upper
63	100		
112	0.4	3.3	4.9#

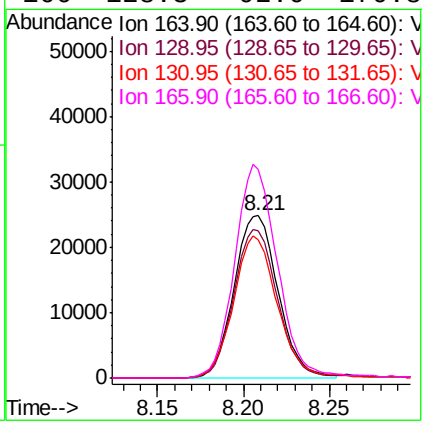


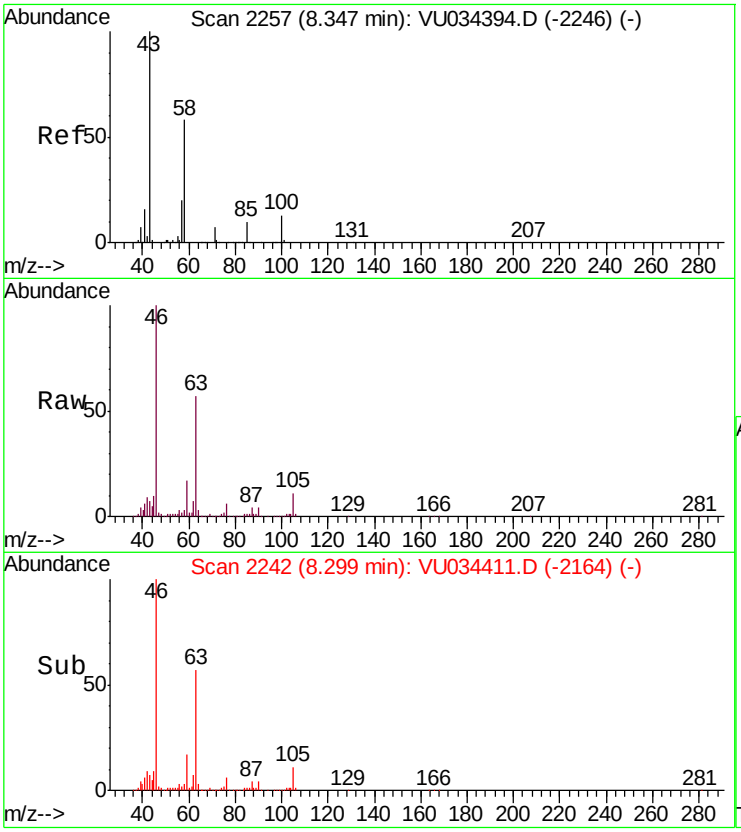


#47
Tetrachloroethene
Concen: 2.487 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VU034411.D
Acq: 08 Sep 2019 04:17

Tgt Ion:164 Resp: 44195

Ion	Ratio	Lower	Upper
164	100		
129	90.5	68.0	126.2
131	85.6	64.6	120.0
166	128.3	92.0	170.8



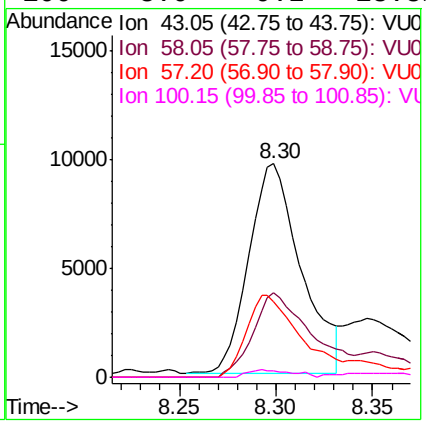


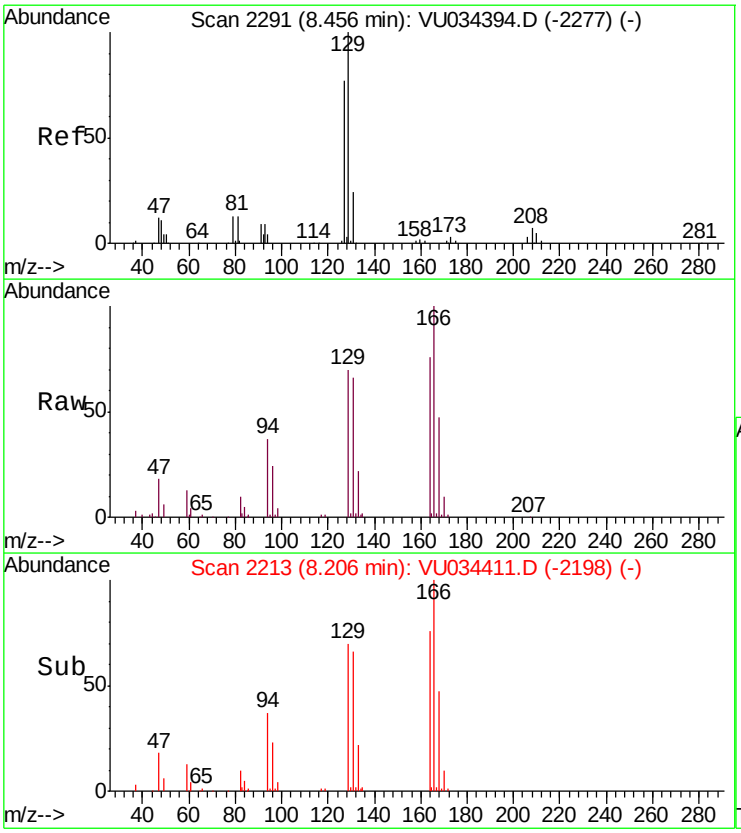
#48
2-Hexanone
Concen: 2.169 ug/L
RT: 8.30 min Scan# 2242
Delta R.T. -0.05 min
Lab File: VU034411.D
Acq: 08 Sep 2019 04:17

Instrument : MSVOA_U
ClientSampleId : BFD98

Tgt Ion: 43 Resp: 18112

Ion	Ratio	Lower	Upper
43	100		
58	46.0	44.9	67.3
57	41.2	15.0	22.6#
100	3.0	9.2	13.8#

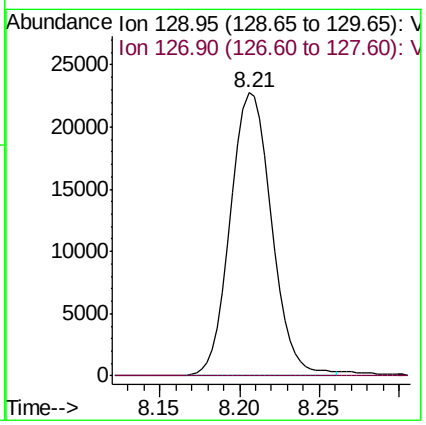


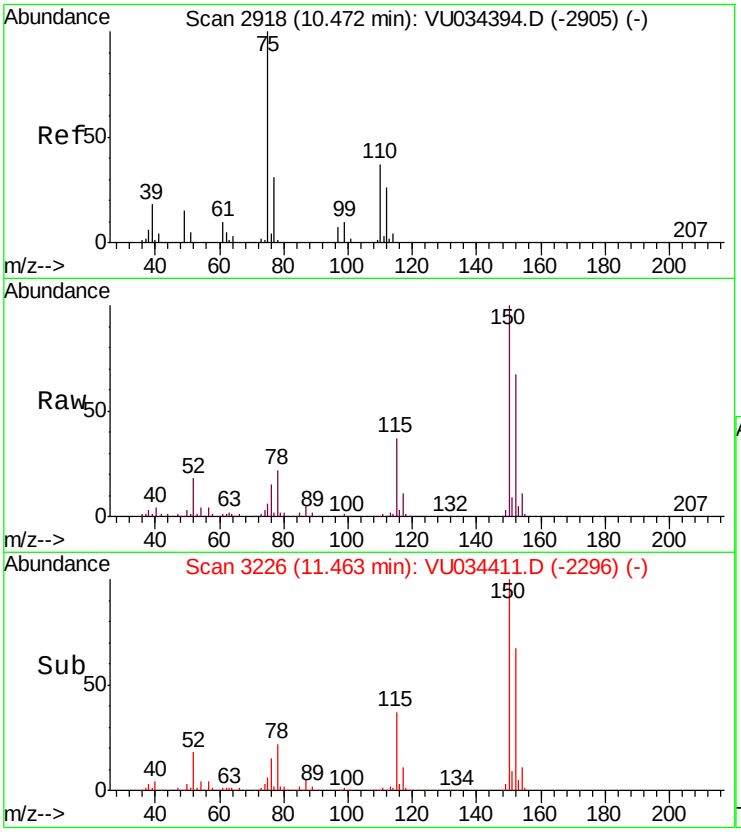


#49
Dibromochloromethane
Concen: 2.439 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. -0.25 min
Lab File: VU034411.D
Acq: 08 Sep 2019 04:17

Tgt Ion:129 Resp: 40118

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.2	100.6#





#59
1,2,3-Trichloropropane
Concen: 1.021 ug/L
RT: 11.46 min Scan# 3226
Delta R.T. 0.99 min
Lab File: VU034411.D
Acq: 08 Sep 2019 04:17

Instrument :
MSVOA_U
ClientSampleId :
BFD98

Tgt Ion: 75 Resp: 12642

Ion	Ratio	Lower	Upper
75	100		
77	34.9	26.0	39.0